

10/560934

MODIFIED PTO/SB/08 A & B (06-03)

APPROPRIATE PTO 15 DEC 2005

Substitute for Form 1449 A & B/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

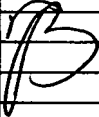
Application Number	National Stage of PCT/JP2004/008648
Confirmation Number	Unknown
Filing Date	December 15, 2005
First Named Inventor	Aya ONO
Art Unit	Unknown
Examiner Name	
Attorney Docket Number	Q92028

Sheet 1 of 1

U.S. PATENT DOCUMENTS

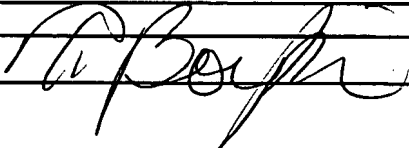
Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code ² (if known)		
		US			
		US			
		US			
		US			
		US			
		US			
		US			
		US			
		US			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation ⁴
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)			
		JP	7-126221	A	05/16/1995	NIPPON PAINT CO., LTD.	

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation ⁴

Examiner Signature		Date Considered	8/10/7
--------------------	---	-----------------	--------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or in the comment box of this document. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to indicate here if English language Translation is attached.

Substitute for Form 1449 A & B/PTO

Complete if Known

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

1

of

1

Application Number	10/560,934
Confirmation Number	4074
Filing Date	December 15, 2005
First Named Inventor	Aya ONO
Art Unit	Unknown
Examiner Name	Unknown
Attorney Docket Number	Q92028

U.S. PATENT DOCUMENTS

Examiner Initials ^a	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code ² (if known)		
JP		US 4,506,066		03-19-1985	Medem et al.

FOREIGN PATENT DOCUMENTS

Examiner Initials ^a	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)			
		DE	29 38 464	A1	04-09-1981	Bayer AG (DE)	Corresponding US Patent No. 4,506,066
JP		JP	56-110723	A	09-02-1981	Bayer AG	Abstract for corresponding EP 0033089

NON PATENT LITERATURE DOCUMENTS

Examiner Initials ^a	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation ⁶
JP		DIETRICH BRAUN AND MATTHIAS BERGMANN; Fortschrittsbericht - Progress Report, 1,4:3,6-Dianhydrohexite als Bausteine für Polymere; Journal für praktische Chemie Chemiker-Zeitung, vol. 334 (1992) pages 298-310	abstract
		HANS R. KRICHENDORF, SHIH-JIEH SUN, AND ANDREAS GERKEN; Polymers of Carbonic Acid. 22. Cholesteric Polycarbonates Derived from (S)-(2-Methylbutyl)thio)hydroquinone or Isosorbide; Macromolecules 1996, vol. 29, pages 8077-8082	
		MASAHICO OKADA, MAKITO YOKOE, KEIGO AOI; Biodegradable Polymers Based on Renewable Resources. VI. Synthesis and Biodegradability of Poly(ester carbonate)s Containing 1,4:3,6-Dianhydro-D-glucitol and Sebacic Acid Units; Journal of Applied Polymer Science, vol. 86, pages 872-880 (2002)	
		HANS R. KRICHENDORF, SHIH-JIEH SUN; Polymers of carbonic acid, 23 ¹⁾ Photoreactive cholesteric polycarbonates based on isosorbide, 4,4'-dihydroxychalcone and 4,4'-dihydroxybiphenyl; Macromolecular Chemistry and Physics, vol. 198, pages 2197-2210 (1997)	
		HANS R. KRICHENDORF, SHIH-JIEH SUN, CHING-PING CHEN, THE-CHOU CHANG; Polymers of Carbonic Acid. XXIV. Photoreactive, Nematic or Cholesteric Polycarbonates Derived from Hydroquinone-4-hydroxybenzoate 4,4'-Dihydroxychalcone and Isosorbide; Journal of Polymer Science: Part A, vol. 35, pages 1611-1619 (1997)	
		SHIH-JIEH SUN, GERT SCHWARZ, HANS R. KRICHENDORF, THE-CHOU CHANG; New Polymers of Carbonic Acid. XXV. Photoreactive Cholesteric Polycarbonates Derived from 2,5-Bis(4'-hydroxybenzylidene)cyclopentanone and Isosorbide; Journal of Polymer Science: Part A, Polymer Chemistry, vol. 37, pages 1125-1133 (1999)	
		D.D. DIXON AND M.E. FORD; Mechanism of Poly(Alkylene Carbonate) Formation; Journal of Polymer Science: Polymer Letters Edition, vol. 18, pages 599-602 (1980)	
		JYUHO MATSUO, FUMIO SANDA, TAKESHI ENDO; Cationic ring-opening polymerization behavior of an aliphatic seven-membered cyclic carbonate, 1,3-dioxepan-2-one; Macromolecular Chemistry and Physics, vol. 199, pages 97-102 (1988)	
		Polycarbonate resin handbook, edited by Seiichi Honma, Nikkan Kogyo Shinbun Co., page 21 (1992)	
		Okada et al, Abstract of the seventh open symposium on "Polymers with low environmental loads": Construction of a sustainable material system based on production of plastics with Scientific Research on Priority Areas (B) supported by Grant-in Aid for Scientific Research of Ministry of Education, Culture, Sports, Science and Technology, pages 26-29 (2002)	
JP		MAKITO YOKOE, KEIGO AOI, MASAHICO OKADA; Biodegradable Polymers Based on Renewable Resources. VII. Novel Random and Alternating Copolycarbonates from 1,4:3,6-Dianhydrohexitols and Aliphatic Diols; Journal of Polymer Science: Part A: Polymer Chemistry, vol. 41, pages 2312-2321 (2003)	

Examiner Signature		Date Considered	8/10/7
--------------------	--	-----------------	--------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or in the comment box of this document. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to indicate here if English language Translation is attached.

INFORMATION DISCLOSURE **STATEMENT BY APPLICANT**

Complete if Known

Application Number	10/560,934
Confirmation Number	4074
Filing Date	December 15, 2005
First Named Inventor	Aya ONO
Art Unit	1711
Examiner Name	Terressa M. Boykin
Attorney Docket Number	O92028

Sheet	1	of	1
-------	---	----	---

[illegible][illegible][illegible]

P. Bayh

8/10/07

¹Applicant's unique citation designation number (optional). ²See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or follow the hyperlink from the title of the document to the intranet. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to indicate here if English language Translation is attached.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.


INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		10560934	
	Filing Date		2005-12-15	
	First Named Inventor	Aya ONO, et al.		
	Art Unit	1711		
	Examiner Name	Terressa M. Boykin		
Attorney Docket Number		Q92028		

U.S. PATENTS						
Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1					

If you wish to add additional U.S. Patent citation information please click the Add button.

U.S. PATENT APPLICATION PUBLICATIONS						
Examiner Initial*	Cite No	Publication Number	Kind Code ¹	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1					

If you wish to add additional U.S. Published Application citation information please click the Add button.

FOREIGN PATENT DOCUMENTS								
Examiner Initial*	Cite No	Foreign Document Number ³	Country Code ² j	Kind Code ⁴	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear	T ⁵
		1079686	GB		1967-08-16	John Roderick Collins		<input type="checkbox"/>

If you wish to add additional Foreign Patent Document citation information please click the Add button

NON-PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T ⁵

Terressa Boykin

8/10/07

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		10580934
	Filing Date		2005-12-15
	First Named Inventor	Aya ONO, et al.	
	Art Unit	1711	
	Examiner Name	Terressa M. Boykin	
	Attorney Docket Number	Q92028	

	1		<input type="checkbox"/>
--	---	--	--------------------------

If you wish to add additional non-patent literature document citation information please click the Add button

EXAMINER SIGNATURE			
Examiner Signature		Date Considered	8/10/7

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. ² Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). ³ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵ Applicant is to place a check mark here if English language translation is attached.